

# TRAINING OPTIONS

Take advantage of expert  
knowledge right from the  
source

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- ✓ Assembly training  
according to DIN EN 1591-4
- ✓ Gasket technology basics  
compact/intensive
- ✓ Advanced training  
(combinable)



# ASSEMBLY TRAINING

## DIN EN 1591-4

Assembly training according to DIN EN 1591-4 familiarizes participants with content related to gaskets, sealing categories, leakage properties, threaded couplings and the relationship between screw elongation (expansion), bolt force and surface pressure. This focus area covers topics such as:

- General health and safety precautions / safe installation
- Preparation of the sealing surface and detection of flaws and defects
- Alignment of the sealing surfaces and gasket installation
- Effects of thread friction on bolt force when using the torque-controlled tightening method
- Need for bolt tightening procedures and bolt tightening patterns
- Sealing categories
- Documentation of the work carried out
- Documentation of deviations and irregularities

The practical part of the training includes the manual torque-controlled tightening of the screws and bolts along with all of the associated documentation.

After the theoretical and practical part, participants take an examination and receive a written certificate of participation and exam report.

**Duration:** 2 days

1

**Location:** Frenzelit GmbH  
in Bad Berneck  
or on-site at the customer's location

**Number of participants:** By arrangement

**Costs:** on request



**For more information, visit our website:**

# GASKET TECHNOLOGY

## Basics

### COMPACT

Basic overview of gasket technology in industrial environments. The discussion focuses on the interaction between the most important parameters of a gasket connection:

- Threaded couplings
- Flange types
- Gasket materials and their application

<b>Duration:</b>	1 hour
<b>Location:</b>	ONLINE webinar
<b>Costs:</b>	on request

2

### INTENSIVE

Content is identical to “Gasket technology basics COMPACT” but goes into greater detail, with topics such as:

- Leakage-surface pressure diagram
- Material classes
- Screw lubrication
- Screw tightening procedures

<b>Duration:</b>	2.5 hours
<b>Location:</b>	ONLINE webinar
<b>Costs:</b>	on request

3

## ADVANCED TRAINING

### Combinaible

Advanced training can be booked with “Technology basics INTENSIVE”.

	<b>Duration/location:</b>	<b>Costs:</b>
<b>novaphit®</b>	1 hour / ONLINE webinar	on request
<b>novapress®</b>	1 hour / ONLINE webinar	on request
<b>novamica®</b>	45 min. / ONLINE webinar	on request

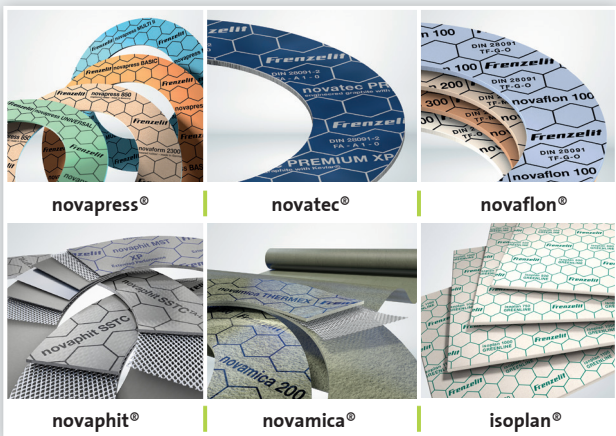
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We're here to help you at [dichtungen@frenzelit.com](mailto:dichtungen@frenzelit.com)

# QUESTIONS?

## We're happy to help

For more information visit our website or contact us directly at [dichtungen@frenzelit.com](mailto:dichtungen@frenzelit.com).



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**novatec®**

**novaflon®**

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**novamica®**

**isoplan®**

FZ/1/09.21/005/FA

### GASKET MATERIALS



**novapress®**  
approx. -100 to 200 °C



**novatec®**  
approx. -100 to 250 °C



**novaflon®**  
approx. -200 to 260 °C



**novaphit®**  
approx. -200 to 550 °C



**novamica®**  
approx. -200 to 1000 °C

### INSULATION MATERIALS



**isoplan®**  
approx. -100 to 1100 °C



**novadisc.de**  
ONLINE Design Software